



C E N S U S • R E C E N S E M E N T

Using the Electronic Questionnaire to Reduce Follow-Up for the Canadian Census of Population

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FEDCASIC – Survey Design/Management May 4, 2016



Overview of presentation

- EQ in the Canadian Census
- Modifications to the EQ for 2016 to reduce field follow-up
- Testing results
- Future modifications



EQ in the Canadian Census

- 2001
 - Small pilot test
 - Take-up rate: 5%
- 2006
 - Option offered to all private households
 - Take-up rate: 18%
- 2011
 - Option offered to all private households + push for Internet response in some mail-out areas
 - Take-up rate: 54%
- 2016
 - Option offered to all private households + push for Internet response in the entire mail-out area
 - Expected take-up rate: 65%



Same EQ application for all users

- One application for all users:
 - Respondents
 - Interviewers
 - Census Help Line (CHL)
 - Non-response follow-up (NRFU)
 - Failed edit follow-up (FEFU)
- One application for all devices:
 - Desktops
 - Tablets
 - Smartphones



Screen display: tablet, portrait

3. What is this person's **date of birth**? 

If exact date is not known, enter best estimate.

➤ **John Smith**

Day

<<< Select >>> ▼

Month

<<< Select >>> ▼

Year

Example: 1974



Smartphone, portrait view

Question 3.



What is this person's **date of birth**?

If exact date is not known, enter best estimate.

➤ **John Smith**

Day

<<< Select >>> ▼

Month

<<< Select >>> ▼

Year

Example: 1974



Testing

- Content tests
 - Qualitative
 - Quantitative
- Procedures' tests
 - Quantitative
- Respondent environment tests
 - Accessibility + Common look and feel – Treasury Board's requirements
 - Browser + operating systems + mobiles



Failed Edit Follow-up (FEFU)

- a process by which responding dwellings are re-contacted to follow up on item non response, contradictions (content) or ambiguity regarding the residents of the dwelling (coverage).



Reducing Field Follow-up

- EQ functionality reduces the potential scope of FEFU operations in 2016, compared with 2011 & 2006:
 - built-in edits reduce item nonresponse
 - Edits for all fields except postal code; more precise edits in 2016
 - Additional coverage questions resolve cases that formerly went to FEFU
 - EQ designed for more devices (PCs & mobiles)



[Start of questionnaire](#) → Step B: Number of persons at this address

Questionnaire

8%

[Reset](#)

Step B: Number of persons at this address

1. **Including yourself, how many persons are staying at this address on May 10, 2016?**



Include: all persons who have their main residence at this address, even if they are temporarily away.

Press the "?" help button located at the top right corner of this box to see instructions on "**Whom to include**" and "**Where to include persons with more than one residence**" (for example, children in joint custody, students, landed immigrants, persons at their secondary residence, etc.).

* Number of persons

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Step B: List of all persons at this address

2. **Including yourself**, list **all** persons who are staying at this address on May 10, 2016.



Important:

- Begin the list with an **adult**.
- Follow, if applicable, by that person's **spouse** or **common-law partner** and by their **children**.
- Continue with **all other persons** who are staying at this address.

Family name(s)

Given name(s)

➤ Person 1

Smith

Jane



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Step B: Persons that should not be included

[Reset](#)

3. **As of May 10, 2016, the persons staying at this address are:**

- **Jane Smith**

a) Is there anyone listed above who is **staying at this address temporarily** and who has his or her **main residence located at another address in Canada**? 

For example, a visitor or a person who has his or her secondary residence at this address (such as a cottage).

- No
 Yes

b) Is there anyone listed above who is a **resident of another country visiting Canada** (for example, on vacation or on a business trip)? 

- No
 Yes

c) Is there anyone listed above who is a **government representative of another country** (for example, embassy or high commission)? 

- No
 Yes



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Step C: was anyone left out?

1. Did you **leave anyone out** because **you were not sure** the person should be included?



For example:

- student
- child in joint custody
- spouse or common-law partner temporarily away
- person currently living in an institution (home for the aged, hospital, prison, etc.)
- person who has one or more other residences
- person who moved out, moved in, newborn, deceased, around May 10, 2016
- person temporarily away (for work, studies, travel, etc.)
- person who stays or lives temporarily at this address (in transit between residences, no fixed residence, etc.)
- person from another country with a work or study permit, or refugee claimant
- landed immigrant (permanent resident)
- person living at the same address (room-mate, lodger, employee, etc.)
- any other situation

No

Yes

↳ Specify the number of persons **not listed above** because you were not sure.

2



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Step C: Anyone left out? If 'yes', more questions

2. Specify the **name(s) of the person(s) not listed** because you were not sure they should be included. 

› Please enter a response.

Family name(s)

Given name(s)

› Person 1

› Person 2

Step C2: Specify the name(s) of the person(s) not listed

[Reset](#)

2. Specify the **name(s) of the person(s) not listed** because you were not sure they should be included. 

Family name(s)

Given name(s)

› Person 1

Smith

John

› Person 2

Smith Jr.

John



Step C3: Specify the situation

3 a) What is **John Smith**'s situation on May 10, 2016?



Select the first answer from the list that best describes this person's situation.

Your answers will determine whether this person should be listed at this address. If yes, this person will be added in this questionnaire.

▶ **John Smith**

- Student
- Child in joint custody
- Spouse or common-law partner temporarily away (for work, studies, travel, etc.)
- Person currently living in an institution (hospital, old-age home, prison, etc.)
- Person who has one or more other residences
- Newborn, person who recently moved in
- Person who recently moved out or passed away
- Person temporarily away (for work, studies, travel, etc.)
- Person who stays or lives temporarily at this address (in transit between residences, no fixed residence, etc.)
- Person from another country with a work or study permit or asking for refugee status
- Landed immigrant (permanent resident)
- Person living at the same address (room-mate, lodger, employee, etc.)
- Other situation — specify:



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Step C: If person left out is 'child in joint custody'

3 b) Does **John Smith** live at this address **most of the time** (more than 50% of the time)?



- Yes
- No
- Lives here half of the time

3 b) Does **John Smith** live at this address **most of the time** (more than 50% of the time)?



- Yes
- No
- Lives here half of the time

Did **John Smith** stay overnight from **May 9 to May 10, 2016** at this address?

- Yes
- No



2016

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Step C: if person left out is 'person currently living in an institution'

Step C3: Specify the reason

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3 b) Since when has **John Smith** been in an institution? 

- Less than six months (admitted after November 10, 2015)
- Six months or more (admitted on or before November 10, 2015)

3 b) Since when has **John Smith** been in an institution? 

- Less than six months (admitted after November 10, 2015)
- Six months or more (admitted on or before November 10, 2015)





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Step C: if person left out is 'Newborn, person who recently moved in'

[Reset](#)

Step C3: Specify the reason

3 b) When did this event take place for **John Smith**? 

- Before May 10, 2016
- On May 10, 2016 or after

3 b) When did this event take place for **John Smith**? 

- Before May 10, 2016
- On May 10, 2016 or after



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Step C: if person left out is 'Person temporarily away (for work, studies, travel, etc.)'

Step C3: Specify the reason

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3 b) Is this address the **main residence** of **John Smith**? 

Yes

No

3 b) Is this address the **main residence** of **John Smith**? 

Yes

No



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Step C: conclusion

[Reset](#)

Step C4: Person(s) added



Based on your answers, this person **will be listed** on this questionnaire:

- **John Smith**

This field will list names of people who are included in Step C.



Based on your answers, this person **will not be listed** on this questionnaire:

- **John Smith Jr.**

This field will list names of people who are excluded in Step C.



Therefore, the list of **all persons at this address** is:

- **Jane Smith**
- **John Smith**

This field will list names of people who are in-scope for the census.



If this list is incorrect, please press the "**Previous**" button below to modify your answer(s).





Future modifications

- Add an edit to check that people listed in Step C were not already listed in Step B
- Add more edits to clarify vague responses (e.g., for reported occupation)
- Expand EQ to all households